

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM110624\
 Data File : BM048504.D
 Acq On : 07 Nov 2024 10:02
 Operator : RC/JU
 Sample : P4669-01
 Misc :
 ALS Vial : 39 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 BHK69

Manual Integrations
 APPROVED

Reviewed By :Jagrut Upadhyay 11/07/2024
 Supervised By :mohammad ahmed 11/11/2024

Quant Time: Nov 07 11:14:58 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM110624.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Nov 06 14:39:10 2024
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.674	152	3538	0.400	ng/ul	0.00
4) Naphthalene-d8	10.458	136	11011	0.400	ng/ul	#-0.02
9) Acenaphthene-d10	14.322	164	5849	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.065	188	11520m	0.400	ng/ul	-0.02
17) Chrysene-d12	21.257	240	9101m	0.400	ng/ul	0.00
23) Perylene-d12	23.472	264	8826m	0.400	ng/ul	-0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.134	96	18572	4.351	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.075	152	4125	0.290	ng/ul	0.00
18) Fluoranthene-d10	19.095	212	8714	0.341	ng/ul	-0.01
Target Compounds						
					Qvalue	
15) Phenanthrene	17.103	178	1603m	0.053	ng/ul	
19) Fluoranthene	19.128	202	2769	0.082	ng/ul#	93
20) Pyrene	19.486	202	3129	0.086	ng/ul#	88
21) Benzo(a)anthracene	21.245	228	1493	0.050	ng/ul#	77
22) Chrysene	21.295	228	1740	0.049	ng/ul#	86
24) Benzo(b)fluoranthene	22.803	252	2300m	0.084	ng/ul	
25) Benzo(k)fluoranthene	22.844	252	952m	0.030	ng/ul	
26) Benzo(a)pyrene	23.367	252	1532	0.057	ng/ul#	29
27) Indeno(1,2,3-cd)pyrene	25.749	276	1390	0.037	ng/ul#	73
29) Benzo(g,h,i)perylene	26.430	276	1474	0.047	ng/ul#	57

(#) = qualifier out of range (m) = manual integration (+) = signals summed

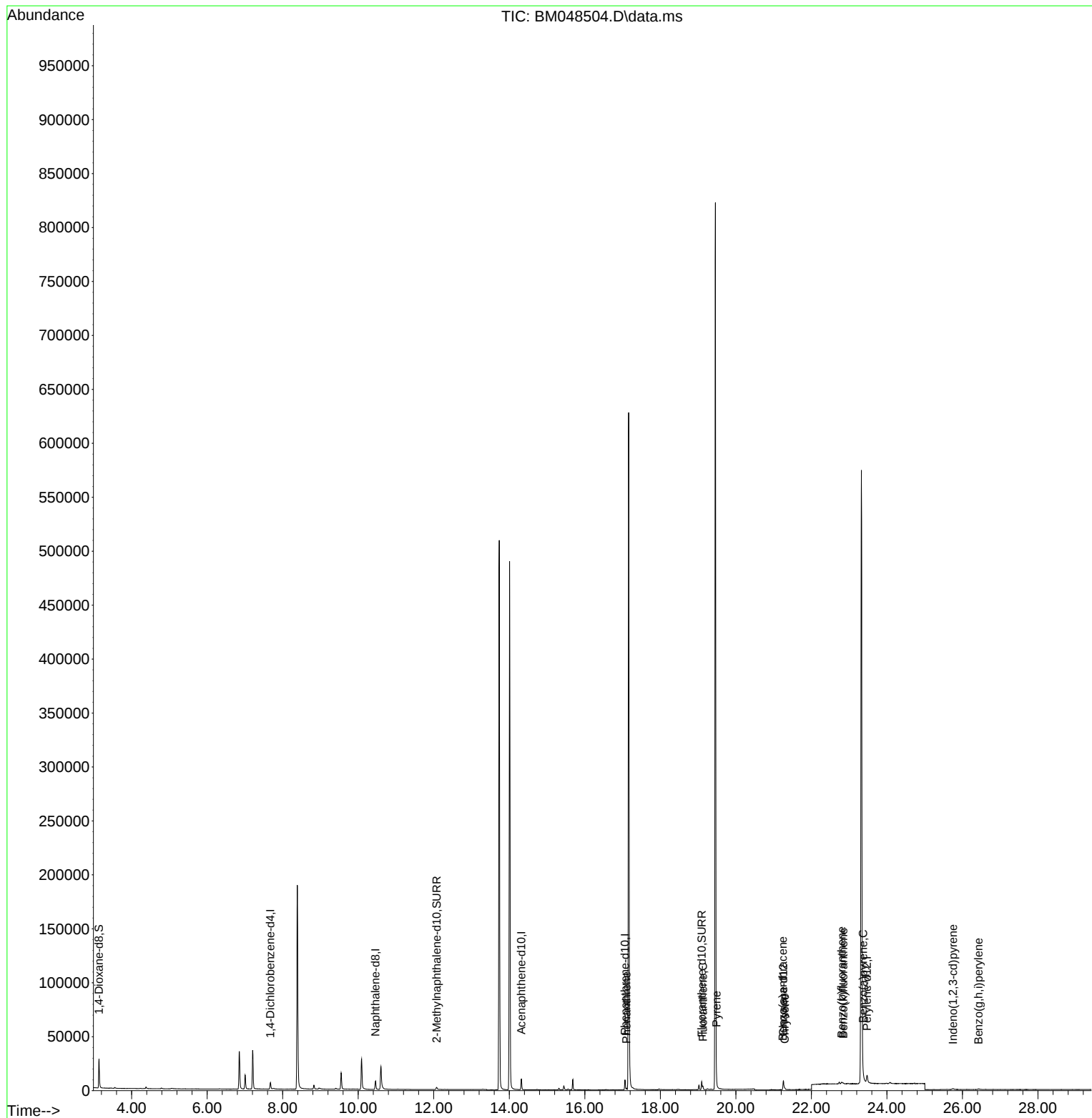
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM110624\
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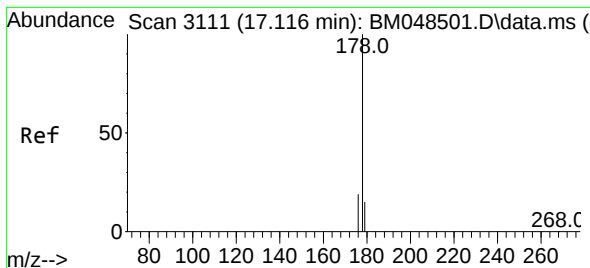
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#15

Phenanthrene

Concen: 0.053 ng/ul m

RT: 17.103 min Scan# 3111

Delta R.T. -0.015 min

Lab File: BM048504.D

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Instrument :

BNA_M

ClientSampleId :

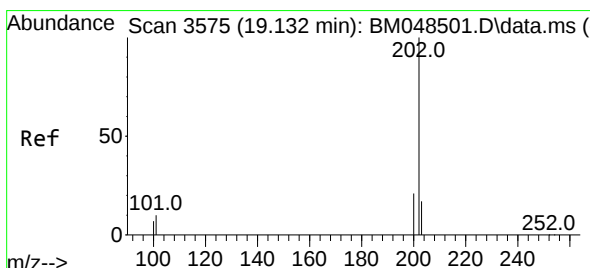
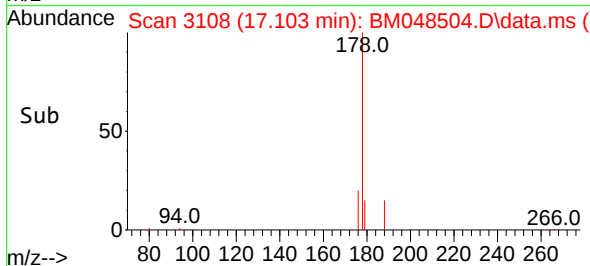
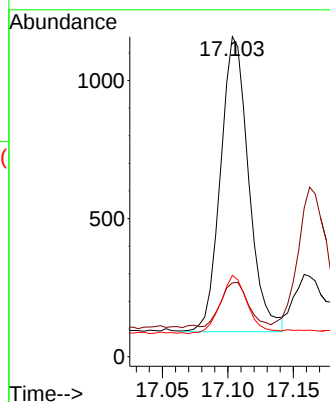
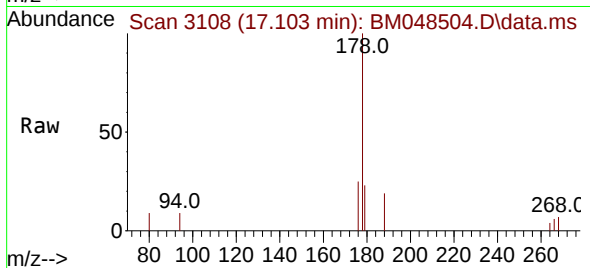
BHK69

Tgt Ion:178	Resp:	160
Ion Ratio	Lower	Upper
178	100	
179	23.0	13.4 20.0
176	25.4	16.2 24.2

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#19

Fluoranthene

Concen: 0.082 ng/ul

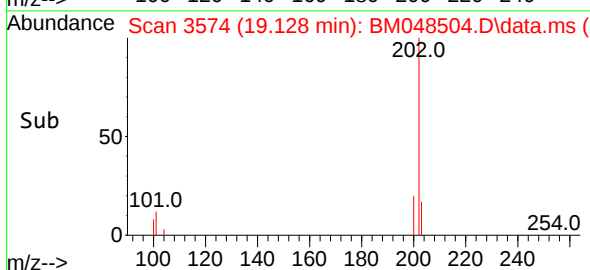
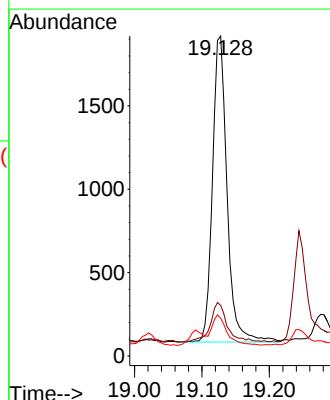
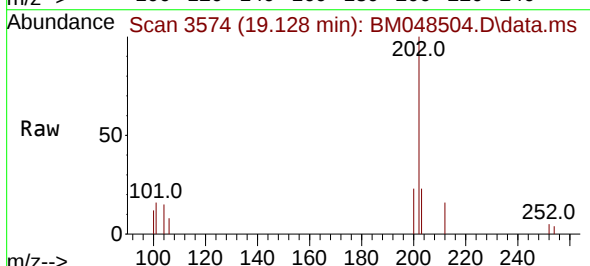
RT: 19.128 min Scan# 3574

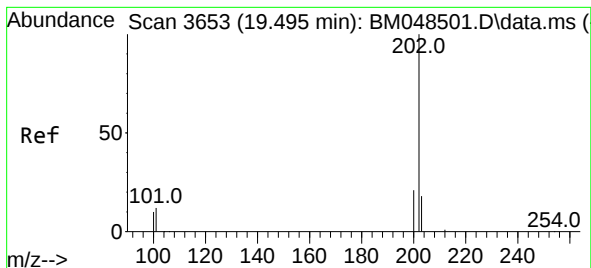
Delta R.T. -0.013 min

Lab File: BM048504.D

Acq: 07 Nov 2024 10:02

Tgt Ion:202	Resp:	2769
Ion Ratio	Lower	Upper
202	100	
101	15.8	10.2 15.4
100	11.8	7.3 10.9





#20

Pyrene

Concen: 0.086 ng/ul

RT: 19.486 min Scan# 3653

Delta R.T. -0.017 min

Lab File: BM048504.D

Acq: 07 Nov 2024 10:02

Instrument :

BNA_M

ClientSampleId :

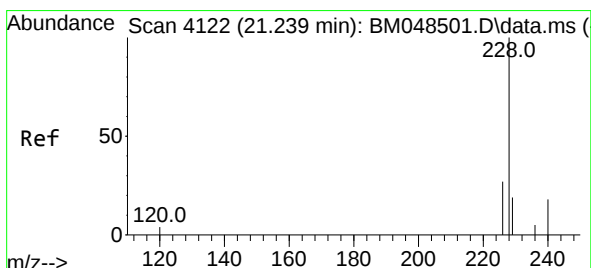
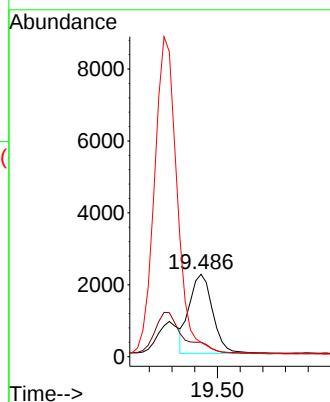
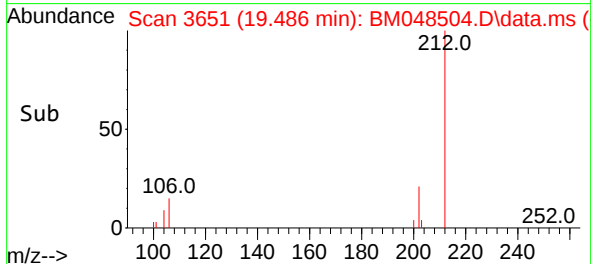
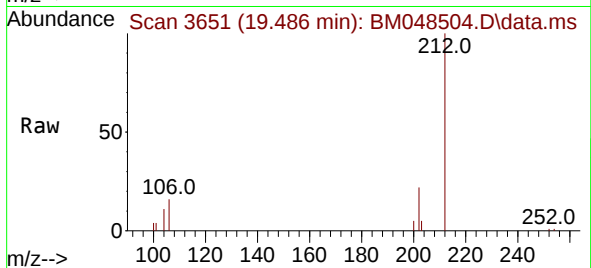
BHK69

Tgt Ion:	202	Resp:	3129
Ion Ratio	Lower	Upper	
202	100		
101	17.6	11.4	17.2#
100	17.2	8.5	12.7#

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#21

Benzo(a)anthracene

Concen: 0.050 ng/ul

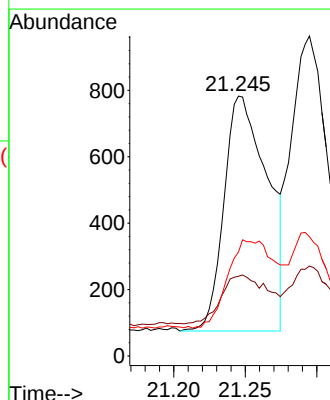
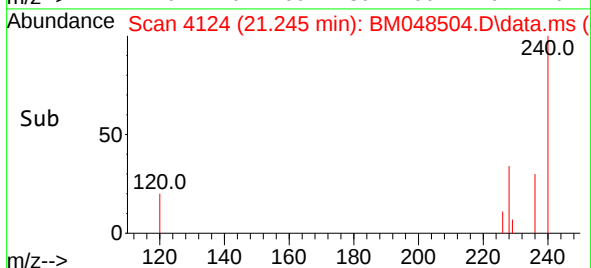
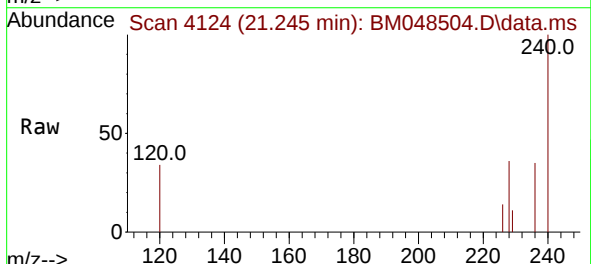
RT: 21.245 min Scan# 4124

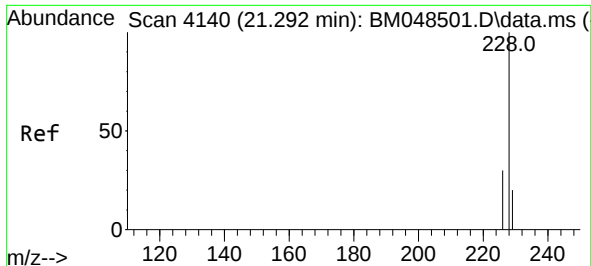
Delta R.T. -0.003 min

Lab File: BM048504.D

Acq: 07 Nov 2024 10:02

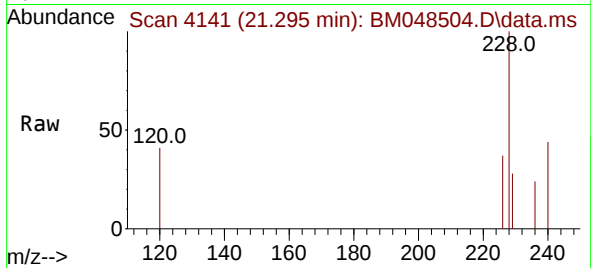
Tgt Ion:	228	Resp:	1493
Ion Ratio	Lower	Upper	
228	100		
229	30.7	16.2	24.2#
226	40.0	22.1	33.1#





#22
Chrysene
Concen: 0.049 ng/ul
RT: 21.295 min Scan# 4140
Delta R.T. -0.006 min
Lab File: BM048504.D
Acq: 07 Nov 2024 10:02

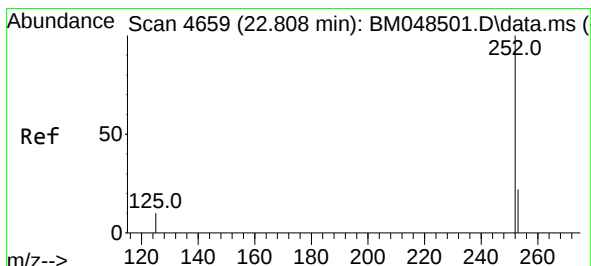
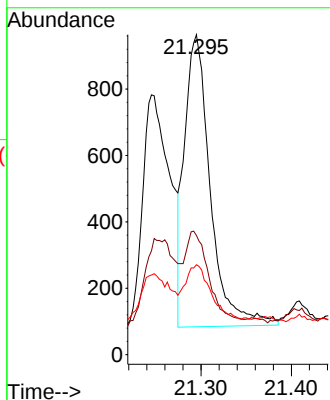
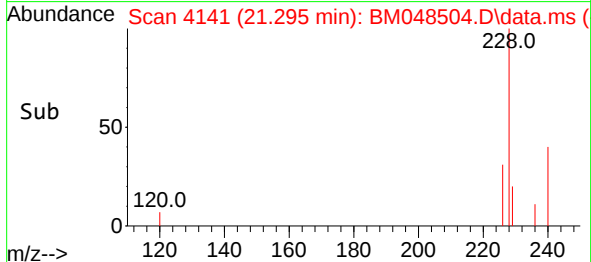
Instrument :
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Tgt Ion:228 Resp: 1740
Ion Ratio Lower Upper
228 100
226 37.2 24.4 36.6#
229 28.1 16.5 24.7#

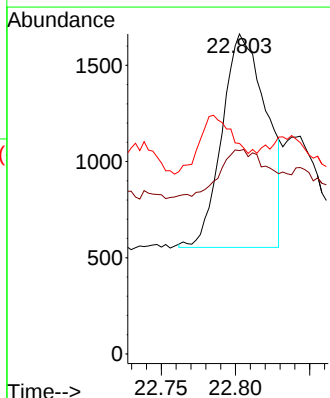
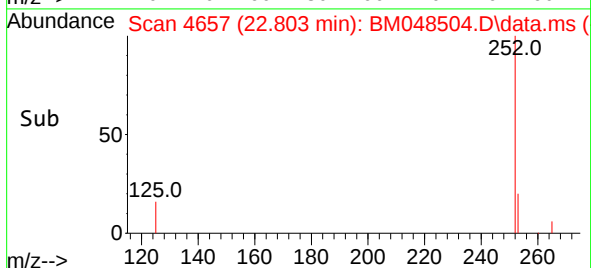
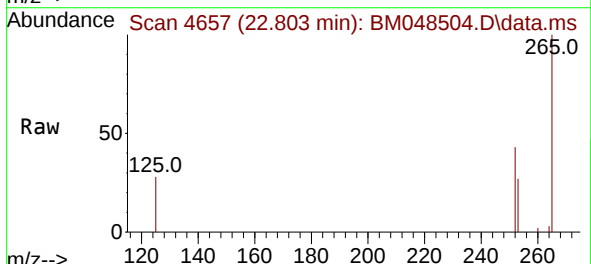
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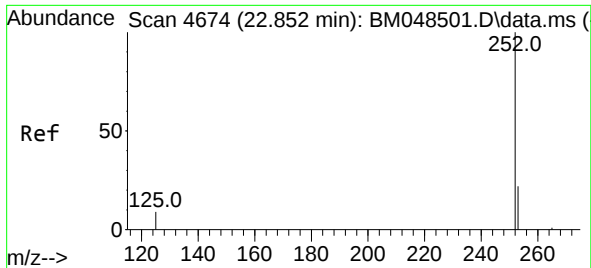
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#24
Benzo(b)fluoranthene
Concen: 0.084 ng/ul m
RT: 22.803 min Scan# 4657
Delta R.T. -0.021 min
Lab File: BM048504.D
Acq: 07 Nov 2024 10:02

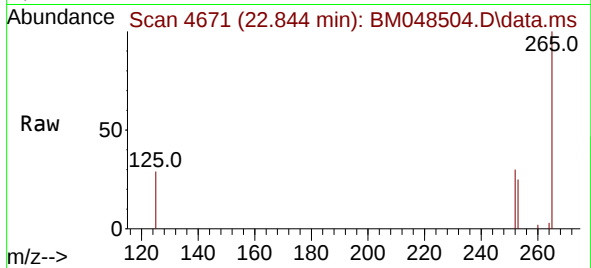
Tgt Ion:252 Resp: 2300
Ion Ratio Lower Upper
252 100
253 63.6 0.0 61.6#
125 65.8 0.0 43.2#





#25
Benzo(k)fluoranthene
Concen: 0.030 ng/ul m
RT: 22.844 min Scan# 4674
Delta R.T. -0.024 min
Lab File: BM048504.D
Acq: 07 Nov 2024 10:02

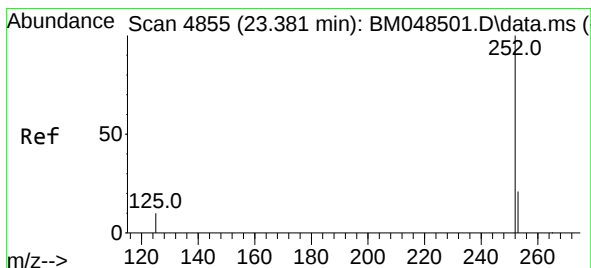
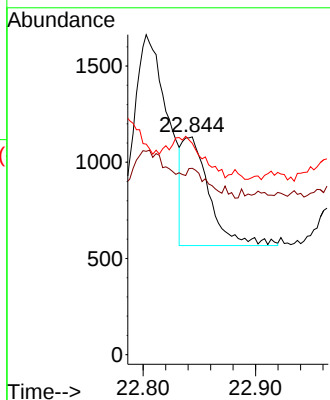
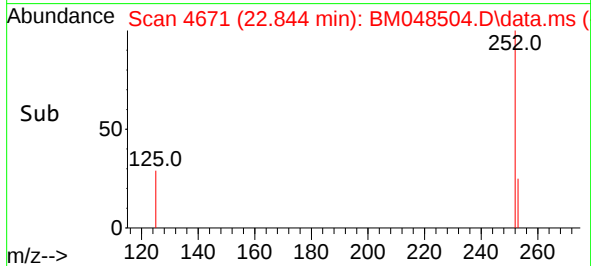
Instrument :
BNA_M
ClientSampleId :
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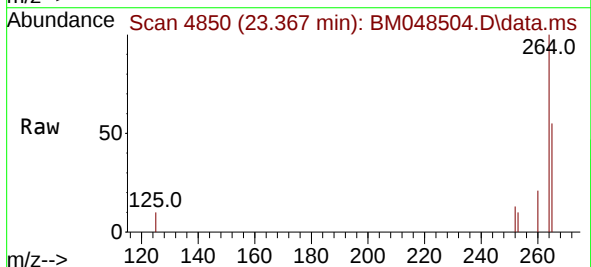
Tgt Ion:252 Resp: 952
Ion Ratio Lower Upper
252 100
253 85.6 25.0 37.4#
125 97.0 17.4 26.0#

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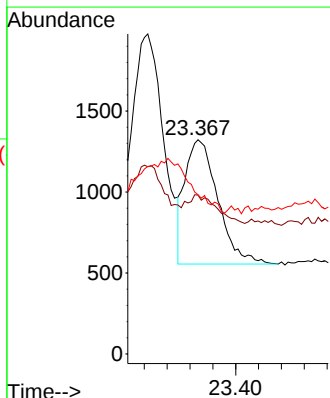
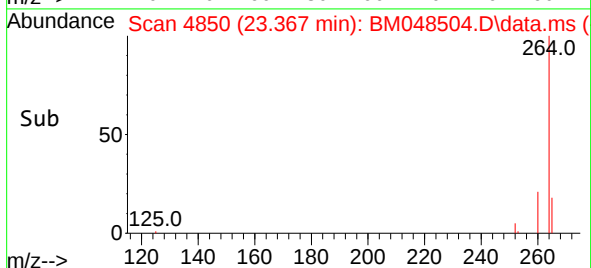
Reviewed By :Jagrut Upadhyay 11/07/2024
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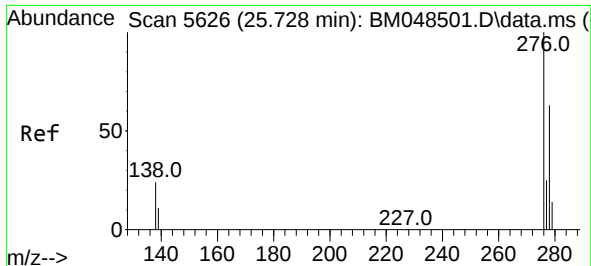


#26
Benzo(a)pyrene
Concen: 0.057 ng/ul
RT: 23.367 min Scan# 4850
Delta R.T. -0.035 min
Lab File: BM048504.D
Acq: 07 Nov 2024 10:02



Tgt Ion:252 Resp: 1532
Ion Ratio Lower Upper
252 100
253 74.1 29.6 44.4#
125 74.3 23.9 35.9#





#27

Indeno(1,2,3-cd)pyrene

Concen: 0.037 ng/ul

RT: 25.749 min Scan# 5632

Delta R.T. -0.004 min

Lab File: BM048504.D

Acq: 07 Nov 2024 10:02

Instrument :

BNA_M

ClientSampleId :

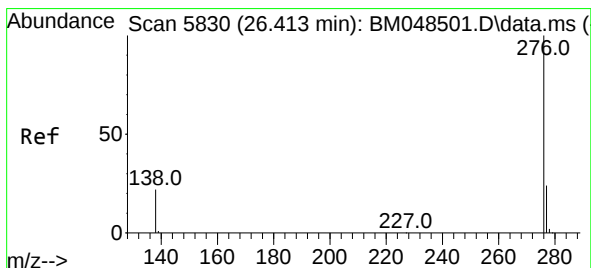
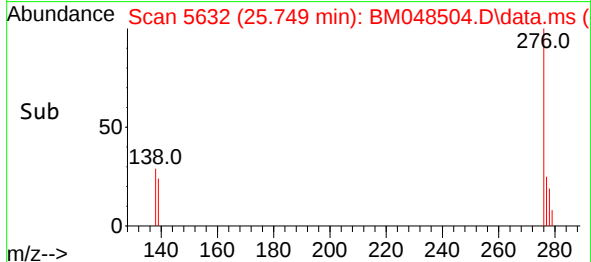
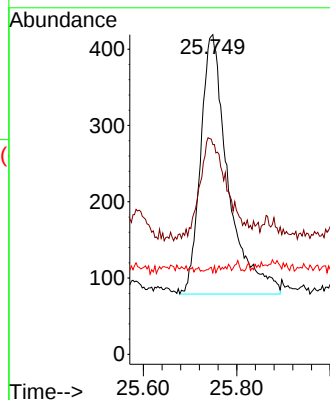
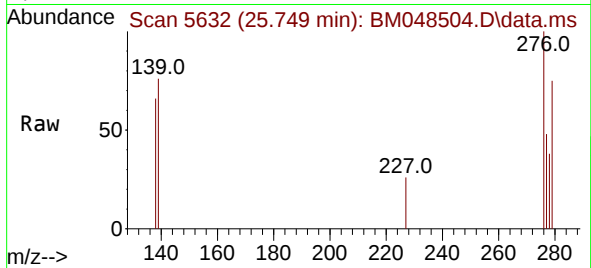
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Tgt Ion:	276	Resp:	1390
Ion Ratio	Lower	Upper	
276	100		
138	38.8	20.1	30.1
227	0.4	0.1	0.1

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#29

Benzo(g,h,i)perylene

Concen: 0.047 ng/ul

RT: 26.430 min Scan# 5835

Delta R.T. -0.014 min

Lab File: BM048504.D

Acq: 07 Nov 2024 10:02

Tgt Ion:	276	Resp:	1474
Ion Ratio	Lower	Upper	
276	100		
138	51.9	21.0	31.6#
277	44.1	20.5	30.7#

